ICC-ES PMG Product Certificate

PMG-1772

Effective Date: July 2024

This listing is subject to re-examination in one year.

www.icc-es-pmg.org | (800) 423-6587 | (562) 699-0543 *A Subsidiary of the International Code Council®*

CSI: DIVISION: 22 00 00—PLUMBING
Section: 22 11 16—Domestic Water Piping
Section: 22 11 00—Facility Water Distribution

DIVISION: 23 00 00—HEATING, VENTILATING AND AIR-CONDITIONING (HVAC)
Section: 23 21 13—Hydronic Piping

Product: ProFlo Copper Press Fittings: Press-connect copper fittings used in potable hot and cold-water distribution systems and hydronic heating and cooling systems

Listee: Ferguson Enterprises, LLC.
751 Lakefront Commons
Newport News, VA 23606
www.ferguson.com

Compliance with the following codes:

2024, 2021, 2018, 2015, 2012, 2009 and 2006 *International Plumbing Code®* (IPC)
2024, 2021, 2018, 2015, 2012, 2009 and 2006 *International Mechanical Code®* (IMC)
2024, 2021, 2018, 2015, 2012, 2009 and 2006 *International Residential Code®* (IRC)
2024, 2021, 2018, 2015, 2012, 2009 and 2006 *Uniform Plumbing Code®* (UPC)*
2024, 2021, 2018, 2015, 2012, 2009 and 2006 *Uniform Mechanical Code®* (UMC)*
2022, 2019, 2016, 2013 and 2010 *California Plumbing Code* (CPC)
2022, 2019, 2016, 2013 and 2010 *California Mechanical Code* (CMC)
2023, 2020 and 2017 *City of Los Angeles Plumbing Code*
2023, 2020 and 2017 *City of Los Angeles Mechanical Code*
2023, 2021 and 2017 and 2007 *Code of Massachusetts Regulation 248 CMR 10.00: Uniform State Plumbing Code*
2023, 2021 and 2017 *Massachusetts State Building Code 780 CMR Ninth Edition: Chapter 28*
2020, 2015 and 2010 *National Plumbing Code of Canada®* (NPC)**

**Copyrighted publication of the International Association of Plumbing and Mechanical Officials*
*** Copyrighted publication of the National Research Council Canada*

Compliance with the following standards:

ASME B16.51-2021, Copper and Copper Alloy Press-Connect Pressure Fittings
IAPMO/ANSI/CAN Z1117-2022 Press Connections
ICC-ES LC1002-2010 (Editorially revised Feb 2013), Press-Connection Fittings for Potable Water Tube and Radiant Heating Systems
NSF/ANSI/CAN 61-2023, Drinking Water Systems Components—Health Effects
NSF/ANSI/CAN 372-2022, Drinking Water System Components – Lead Content

Identification:

The Press fittings must bear a permanent marking with the following information:
a) Manufacture's name or trademark; or
b) In the case of private labeling, the name, trademark, or other mark of the customer for whom the fitting is manufactured.
c) Nominal size corresponding to the copper tube size.
d) Date of manufacture (date code or batch code).

Packages of fittings must be labelled with
a) Manufacture's name or trademark; or
b) In the case of private labeling, the name, trademark, or other mark of the customer for whom the fitting is manufactured.
c) Model number.
d) ICC-ES mark of conformity.

Installation:

ProFlo Copper Press fittings must be installed in accordance with this listing, the applicable code and the manufacturer's published installation instructions. The manufacturer's published installation instructions must be furnished to the code official.

Models:

ProFlo Copper Press fittings are available in sizes from $^1/_2$ inch (13mm) to 4 inches (108mm). Press fittings are rated for a maximum operating pressure of 300 pounds per square inch (psi) (2068 kPa). Fittings are available in Copper or Lead-Free Brass and are provided with a factory-installed EPDM (ethylene propylene diene monomer) sealing element. The Press fittings have been evaluated to comply with NSF/ANSI/CAN 61 for drinking water applications at commercial hot temperature 180°F (82° C)

Model No.	Description
PFXPP4D	1/2" 45° Elbow
PFXPP4F	3/4" 45° Elbow
PFXPP4G	1" 45° Elbow
PFXPP4H	1-1/4" 45° Elbow
PFXPP4J	1-1/2" 45° Elbow
PFXPP4K	2" 45° Elbow
PFXPPS4D	1/2" 45° Street Elbow
PFXPPS4F	3/4" 45° Street Elbow
PFXPPS4G	1" 45° Street Elbow
PFXPPS4H	1-1/4" 45° Street Elbow
PFXPPS4J	1-1/2" 45° Street Elbow
PFXPPS4K	2" 45° Street Elbow
PFXPPS9D	1/2" 90° Street Elbow
PFXPPS9F	3/4" 90° Street Elbow
PFXPPS9G	1" 90° Street Elbow
PFXPPS9H	1-1/4" 90° Street Elbow
PFXPPS9J	1-1/2" 90° Street Elbow
PFXPPS9K	2" 90° Street Elbow
PFXPP9D	1/2" 90° SR Elbow
PFXPP9F	3/4" 90° SR Elbow
PFXPP9G	1" 90° SR Elbow
PFXPP9H	1-1/4" 90° SR Elbow
PFXPP9J	1-1/2" 90° SR Elbow
PFXPP9K	2" 90° SR Elbow

PFXPPDE9D	1/2" 90° Elbow DE
PFXPPDE9F	3/4" 90° Elbow DE
PFXPPFAD	1/2" Adapter Female
PFXPPFAF	3/4" Adapter Female
PFXPPFAG	1" Adapter Female
PFXPPFFAD	1/2" Adapter Ftg Female
PFXPPFFAF	3/4" Adapter Ftg Female
PFXPPFADF	1/2" x 3/4" Adapter Female
PFXPPFAH	1-1/4" Adapter Female
PFXPPFAJ	1-1/2" Adapter Female
PFXPPFAK	2" Adapter Female
PFXPPFAFD	3/4" x 1/2" Adapter Female
PFXPPMAD	1/2" Adapter Male
PFXPPMAF	3/4" Adapter Male
PFXPPMAG	1" Adapter Male
PFXPPMAH	1-1/4" Adapter Male
PFXPPMAJ	1-1/2" Adapter Male
PFXPPMAK	2" Adapter Male
PFXPPMADF	1/2" x 3/4" Adapter Male
PFXPPMAFD	3/4" x 1/2" Adapter Male
PFXPPFMAD	1/2" Adapter Ftg Male
PFXPPFMAF	3/4" Adapter Ftg Male
PFXPPCAPD	1/2" Cap
PFXPPCAPF	3/4" Cap
PFXPPCAPG	1" Cap
PFXPPCAPH	1-1/4" Cap
PFXPPCAPJ	1-1/2" Cap
PFXPPCAPK	2" Cap
PFXPPCD	1/2" Coupling
PFXPPCF	3/4" Coupling
PFXPPCG	1" Coupling
PFXPPCH	1-1/4" Coupling
PFXPPCJ	1-1/2" Coupling
PFXPPCK	2" Coupling
PFXPPSCD	1/2" Coupling w/o stop
PFXPPSCF	3/4" Coupling w/o stop
PFXPPSCG	1" Coupling w/o stop
PFXPPSCH	1-1/4" Coupling w/o stop
PFXPPSCJ	1-1/2" Coupling w/o stop
PFXPPSCK	2" Coupling w/o stop
PFXPPRCFD	3/4" x 1/2" Reducer Coupling
PFXPPRCGD	1" x 1/2" Reducer Coupling
PFXPPRCGF	1" x 3/4" Reducer Coupling
PFXPPRCHG	1-1/4" x 1" Reducer Coupling
PFXPPRCJH	1-1/2" x 1-1/4" Reducer Coupling
PFXPPRCKJ	2" x 1-1/2" Reducer Coupling
PFXPPFRFD	3/4" x 1/2" Fitting Reducer

PFXPPFRGD	1" x 1/2" Fitting Reducer
PFXPPFRGF	1" x 3/4" Fitting Reducer
PFXPPFRHF	1-1/4" x 3/4" Fitting Reducer
PFXPPFRHG	1-1/4" x 1" Fitting Reducer
PFXPPFRJF	1-1/2" x 3/4" Fitting Reducer
PFXPPFRJG	1-1/2" x 1" Fitting Reducer
PFXPPFRJH	1-1/2" x 1-1/4" Fitting Reducer
PFXPPFRKF	2" x 3/4" Fitting Reducer
PFXPPFRKG	2" x 1" Fitting Reducer
PFXPPFRKH	2" x 1-1/4" Fitting Reducer
PFXPPFRKJ	2" x 1-1/2" Fitting Reducer
PFXPPTD	1/2" Tee
PFXPPTF	3/4" Tee
PFXPPTG	1" Tee
PFXPPTH	1-1/4" Tee
PFXPPTJ	1-1/2" Tee
PFXPPTK	2" Tee
PFXPPTDDF	1/2" x 1/2" x 3/4" Tee Red
PFXPPTFFD	3/4" x 3/4" x 1/2" Tee Red
PFXPPTGGD	1" x 1" x 1/2" Tee Red
PFXPPTGGF	1" x 1" x 3/4" Tee Red
PFXPPTHHD	1-1/4" x 1-1/4" x 1/2" Tee Red
PFXPPTHHF	1-1/4" x 1-1/4" x 3/4" Tee Red
PFXPPTHHG	1-1/4" x 1-1/4" x 1" Tee Red
PFXPPTJJD	1-1/2" x 1-1/2" x 1/2" Tee Red
PFXPPTJJF	1-1/2" x 1-1/2" x 3/4" Tee Red
PFXPPTJJG	1-1/2" x 1-1/2" x 1" Tee Red
PFXPPTJJH	1-1/2" x 1-1/2" x 1-1/4" Tee Red
PFXPPTKKD	2" x 2" x 1/2" Tee Red
PFXPPTKKF	2" x 2" x 3/4" Tee Red
PFXPPTKKG	2" x 2" x 1" Tee Red
PFXPPTKKH	2" x 2" x 1-1/4" Tee Red
PFXPPTKKJ	2" x 2" x 1-1/2" Tee Red
PFXPPTFDF	3/4" x 1/2" x 3/4" Tee Red
PFXPPTGDG	1" x 1/2" x 1" Tee Red
PFXPPTGFG	1" x 3/4" x 1" Tee Red
PFXPPTFDD	3/4" x 1/2" x 1/2" Tee Red
PFXPPTGFF	1" x 3/4" x 3/4" Tee Red
PFXPPTHGG	1-1/4" x 1" x 1" Tee Red
PFXPPTGFD	1" x 3/4" x 1/2" Tee Red
PFXPPTHGF	1-1/4" x 1" x 3/4" Tee Red
PFXPPUD	1/2" Union
PFXPPUF	3/4" Union
PFXPPUG	1" Union
PFXPPUH	1-1/4" Union
PFXPPUJ	1-1/2" Union
PFXPPUK	2" Union

PFXPPFUD	1/2" Union Female
PFXPPFUF	3/4" Union Female
PFXPPFUG	1" Union Female
PFXPPMUD	1/2" Union Male
PFXPPMUF	3/4" Union Male

Conditions of listing:

1. Fittings are for use with ASTM B 88, Type K, L, or M, copper.
2. Operating temperature range for potable water must be within 32ºF to 250ºF (0ºC to 121ºC). Operating temperature range for hydronic systems must be within 0ºF to 250ºF (-17ºC to 121ºC).
3. The fittings have been evaluated and approved for below grade installation.
4. The potable water distribution system utilizing the Press fittings must be pressure-tested and inspected in accordance with IPC Section 312.5, 2012 and 2009 IRC Section P2503.7, 2006 IRC Section P2503.6 or UPC Section 609.4, as applicable.
5. Radiant heating systems must be pressure-tested for leaks before installation of the covering in accordance with IMC Section 1208, 2012 and 2009 IRC Section M2103.4 or 2006 IRC Section M2103.3, as applicable.
6. The fittings are manufactured under a quality control program with annual surveillance inspections by ICC-ES.